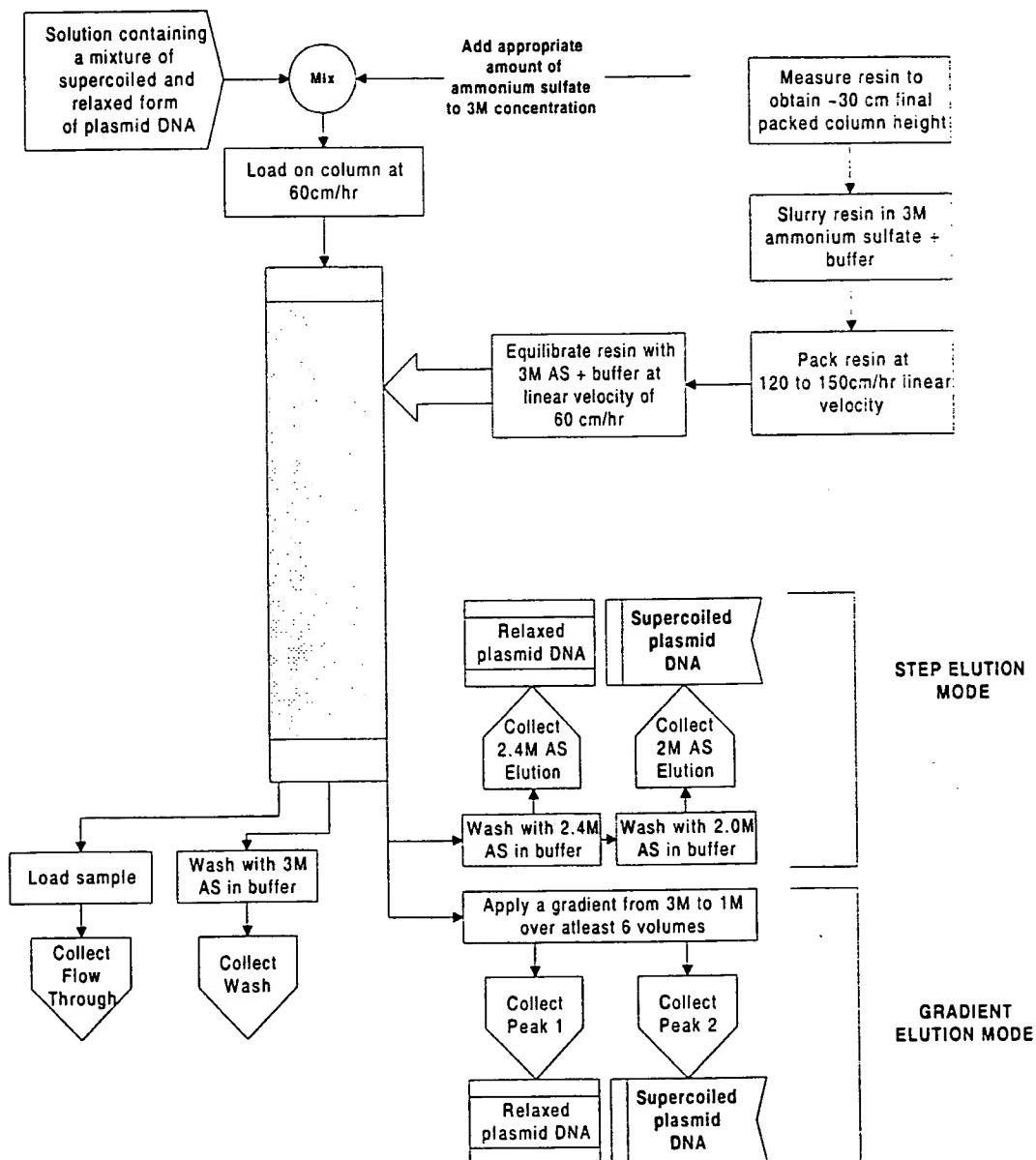
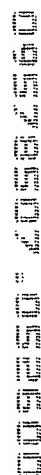


METHOD FOR SEPARATION OF SUPERCOILED PLASMID DNA FROM RELAXED PLASMID DNA



[illegible][illegible]

Butyl HIC Gradient Elution

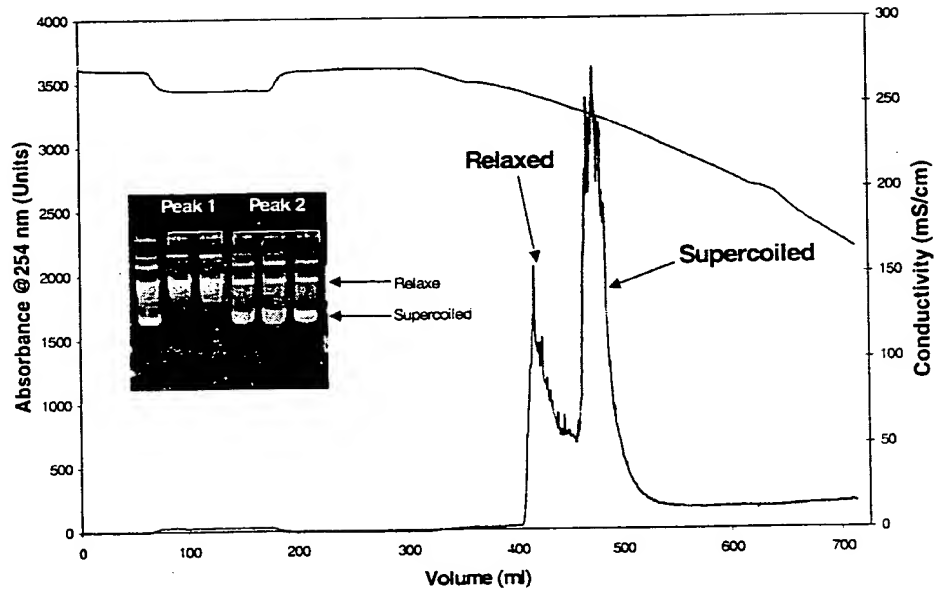


Figure 4 : Chromatogram for the separation of relaxed and supercoiled plasmid DNA using Butyl Hydrophobic Interaction Chromatography – Gradient Elution (Example 5). Inset: Scanned Photograph of Agarose Gel Electrophoresis of samples stained with SYBR Gold

Figure 5: Chromatogram for the separation of relaxed and supercoiled plasmid DNA using Butyl Hydrophobic Interaction Chromatography – Gradient Elution – Long column (Example 6). Inset: Scanned Photograph of Agarose Gel Electrophoresis of samples stained with SYBR Gold

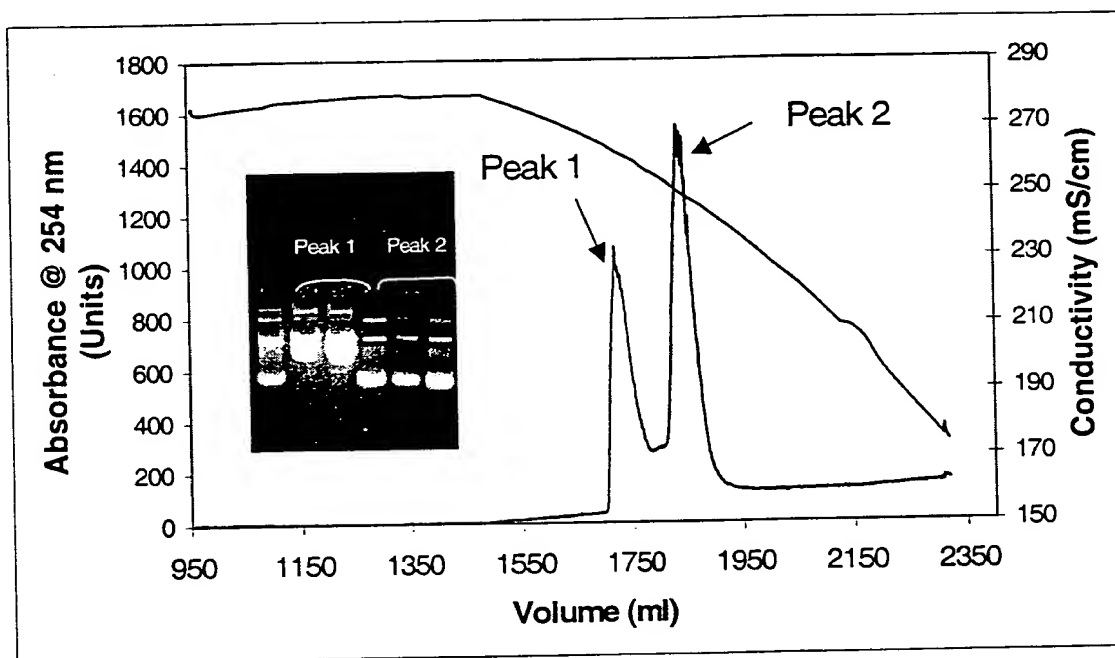


Figure 6: Chromatogram for the separation of relaxed and supercoiled plasmid DNA using Butyl Hydrophobic Interaction Chromatography – Step Elution (Example 7). Inset: Scanned Photograph of Agarose Gel Electrophoresis of samples stained with SYBR Gold

Butyl HIC Step elution

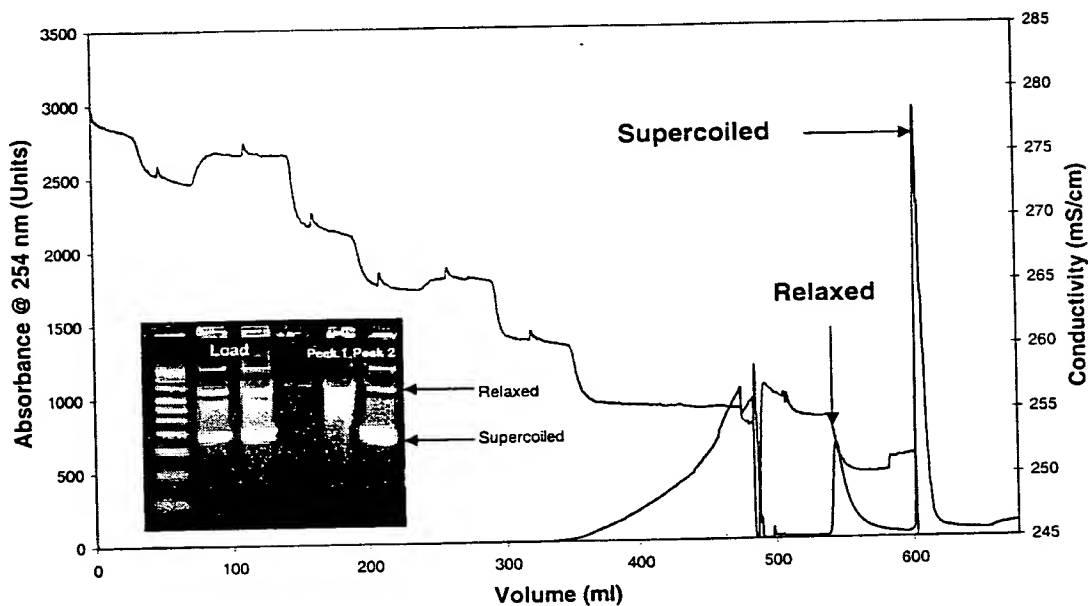
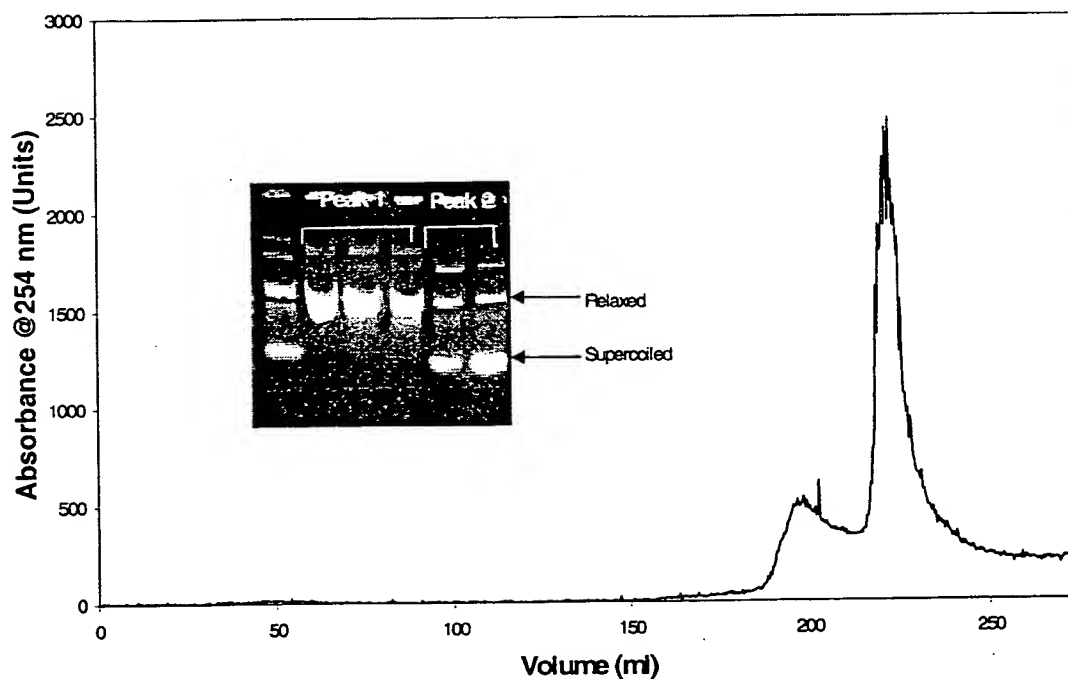


Figure 7: Chromatogram for the separation of relaxed and supercoiled plasmid DNA using Hexyl Hydrophobic Interaction Chromatography – Gradient Elution Long column (Example 8). Inset: Scanned Photograph of Agarose Gel Electrophoresis of samples stained with SYBR Gold

Hexyl HIC Gradient Elution



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Figure 8: Agarose Gel Electrophoresis of samples SYBR GOLD stained, wherein, from left to right, Lane 1 contains a Marker; Lane 2: Load; Lane 3: Wash 1; Lane 4: Wash 2; Lane 5: Wash 3; Lane 6 : 1M Elution 2; and Lane 7: Water elution



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